DTR15T100-A1-PCT

15", 1024 x 768 XGA, Multi-Touch Desktop Monitor with PCT Touchscreen, VGA, and DVI Ports

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Features and Benefits

- Fully-integrated, easy-to-use, plug-and-play multi-touch desktop device
- Two independent touch points (with Windows 7 operating system)
- Eliminates dust and debris build-up at the edge and corners of the display
- Provides improved power efficiency and reduced consumption
- Responds to a light touch in activating response
- Easy-to-clean surface without bezels
- TUV, CE, UL, CUL, FCC-B, RoHS, and IPX1 agency

Introduction

The AIS 15" multi-touch desktop monitor is a fully-integrated, off-the-shelf unit (COTS) that combines high-performance Projected Capacitive Touch Technology (PCT or PCAP) in an industrial-grade LCD flat panel, with a sleek and flat front surface industrial design. This PCT technology is a capacitive system that delivers sensitive and accurate two-touch interactive experience. AIS industrial multi-touch flat panel displays are specifically suited for use in information kiosks, self-service kiosk systems, medical healthcare, as well as interactive digital signage applications.

Specifications

Display	
Display	15.0" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	304 (H) x 228 (V) mm
Native (Optimal) Resolution	1024 x 768
General Supported Resolution	VGA 720 x 400 (70 Hz) VGA 640 x 480 (60/66/70/72/75 Hz) SVGA 800 x 600 (60/70/72/75 Hz) XGA 1024 x 768 (60/70/75 Hz)
Colors	16.2M (6 bits + FRC)
Brightness (Typical)	LCD Panel: 250 nits PCT Touch: 225 nits
Contrast Ratio	500:1
Viewing Angle	Horizontal: 140° Total Vertical: 125° Total
On-Screen Display (OSD)	Power On/Off, Select, Down, Up, Menu Contrast, Brightness, Auto Adjust, Left / Right, Down / Up Horizontal Size, Fine, OSD Left / Right, OSD Down / Up OSD Timeout, Factory Reset, Language, RGB, Audio

Input Video Format	Analog VGA, DVI-D
Video Input Format	Video: RGB Analog 0.7V peak to peak
Video Sync Format	Separated H&V Sync. / Composite Sync. / Sync-on Green
Video Input Frequency	31.47kHz ~ 60.02kHz / 56Hz ~ 75Hz (Horizontal / Vertical)
Input Video Signal Connector	Mini D-Sub 15-Pin VGA type, DVI-D connector
Touch Technology	Projected Capacitive (USB (Type-B): Touch Interface)
Audio	1W Speaker / 2 Channels
Plug & Play	DDC 2B Compatible
General	
MTBF	50,000 Hours Demonstrated
Mounting Options	Stand / 100 x 100 mm VESA Mount
Dimensions (W x H x D)	350.8 (W) x 306.5 (H) x 202.0 (D) mm
Weight	Actual: 4.5 kg Shipping: 6.5 kg
Environmental Conditions	
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	Operating: 20%-80% Storage: 10%-90%
Approvals	
Approvals	TUV, CE, UL, CUL, FCC-B, RoHS, IPX1

Order Information

DTR15T100-A1-PCT: 15" Multi-Touch Deskstop Monitor with PCT Touchscreen, 1024 x 768 XGA, 250 cd/m2, 500:1 contrast ratio, VGA and DVI ports.

Unit: mm